

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

Date IDS filed 12/1/2009 3/3

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/H.E./	1	5274821		1993-12-28	Rouquie	
/H.E./	2	5428792		1995-06-27	Conner, ; et al.	
/H.E./	3	5621809		1997-04-15	Bellegrada, ; et al.	
/H.E./	4	5664173		1997-09-02	Fast	
/H.E./	5	5732274		1998-03-24	O'Neill	
/H.E./	6	5806060		1998-09-08	Borgida, ; et al.	
/H.E./	7	5826269		1998-10-20	Hussey	
/H.E./	8	5899997		1999-05-04	Ellacott	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	9	5950196		1999-09-07	Pyreddy, ; et al.	
	10	5991754		1999-11-23	Raitto, ; et al.	
	11	5995959		1999-11-30	Friedman, ; et al.	
	12	6032144		2000-02-29	Srivastava, ; et al.	
	13	6128612		2000-10-03	Brereton, ; et al.	
	14	6144999		2000-11-07	Khalidi, ; et al.	
	15	6163856		2000-12-19	Dion, ; et al.	
	16	6173266		2001-01-09	Marx, ; et al.	
	17	6182061		2001-01-30	Matsuzawa, ; et al.	
	18	6389393		2002-05-14	Gong	
↓	19	6523026		2003-02-18	Gillis	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	20	6523027		2003-02-18	Underwood	
	21	6584459		2003-06-24	Chang, ; et al.	
	22	6598169		2003-07-22	Warwick, ; et al.	
	23	6654734		2003-11-25	Mani, ; et al.	
	24	6766330		2004-07-20	Chen, ; et al.	
	25	6826555		2004-11-30	Nunez	
	26	6826562		2004-11-30	Leung, ; et al.	
	27	6845507		2005-01-18	Kenton	
	28	6910068		2005-06-21	Zintel, ; et al.	
	29	6912529		2005-06-28	Kolfman	
↓	30	6944184		2005-09-13	Miller, ; et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	31	6950821		2005-09-27	Faybishenko, ; et al.	
/H.E./	32	7055142		2006-05-30	Meredith, ; et al.	
/H.E./	33	7117487		2006-10-03	Meredith, ; et al.	
/H.E./	34	7292976		2007-11-06	Hakkani-Tur, ; et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/H.E./	1	20020143944	A1	2002-10-03	Traversat, Bernard A.; et al.	
/H.E./	2	20030126136	A1	2003-07-03	Omoigui, Nosa	
/H.E./	3	20030163316	A1	2003-08-28	Addison, Edwin R.; et al.	
/H.E./	4	20030163461	A1	2003-08-28	Gudbjartsson, Hakon; et al.	
/H.E./	5	20040181390	A1	2004-09-16	Manson, Keith S.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	6	20050033582	A1	2005-02-10	Gadd, Michael; et al.	
/H.E./	7	20060058999	A1	2006-03-16	Barker; Simon; et al.	
/H.E./	8	20080059188	A1	2008-03-06	KONOPKA; Courtney C.; et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
/H.E./	1	EP0713257						<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/H.E./	1	US Patent Application 11/169,503, filed on 06/29/2005, Chickering, et al., "Action selection for reinforcement learning using influence diagrams"	<input type="checkbox"/>
/H.E./	2	US Patent Application 11/170,584, filed on 06/29/2005, Paek, et al., "Easy generation and automatic training of spoken dialog systems using text-to-speech "	<input type="checkbox"/>
/H.E./	3	US Patent Application 11/170,999, filed on 06/29/2005, Paek, et al., "Online learning for dialog systems"	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	4	Abramsky, "Computational Interpretations of Linear Logic" Theoretical Computer Science 111(1-2). 1993. 53 pages	<input type="checkbox"/>
	5	Berger, et al., "Sequentiality and the pi.-Calculus" Abramsky, S. (ed.) Proceedings: Typed Lambda Calculi and Applications, 5th Int'l Conference. Krakow, Poland. May 2-5, 2001. 56 pages.	<input type="checkbox"/>
	6	Billinghurst, et al., "An Evaluation of Wearable Information Spaces", IEEE Proceedings of the Virtual Reality Annual International Symposium, 1998, 8 pgs.	<input type="checkbox"/>
	7	Billinghurst, "Research Directions in Wearable Computing", University of Washington, May 1998, 49 pages.	<input type="checkbox"/>
	8	Billinghurst, et al., "Wearable Devices: New Ways to Manage Information", IEEE Computer Society, January 1999, pp. 57-64.	<input type="checkbox"/>
	9	Boutilier et al., "Decision-Theoretic Planning: Structural Assumptions and Computational Leverage", Journal of Artificial Intelligence Research, Vol. 1:1, 1999, pp. 1-83.	<input type="checkbox"/>
	10	Bray, et al., "Extensible Markup Language (XML) 1.0 (Second Edition)" October 6, 2000. < <a href="http://www.w3.org/TR/2000/REC-xml-20001006.html">http://www.w3.org/TR/2000/REC-xml-20001006.html</a> >. 50 pages	<input type="checkbox"/>
	11	Chaudhuri, et al., "A Robust, Optimization-Based Approach for Approximate Answering of Aggregate Queries", ACM. May 2001. 12 pages	<input type="checkbox"/>
	12	Chen, et al., "A Survey of Context-Aware Mobile Computing Research", Dartmouth Computer Science Technical Report, 2000, 16 pages.	<input type="checkbox"/>
	13	Cleaveland, et al., "An Operational Framework for Value-Passing Processes" February 1994, Proceedings of the 21st ACM SIGPLAN-SIGACT symposium on Principles of programming languages, p. 326-338	<input type="checkbox"/>
↓	14	Cooper, "A Method For Using Belief Networks as Influence Diagrams", Proceedings of the Ninth Conference on Uncertainty in Artificial Intelligence, Washington, D.C., 1993, pp. 55-63.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	15	Dearden, et al., "Bayesian Q-Learning", Proceedings of the Fifteenth National Conference on Artificial Intelligence, 1998, p. 761-768.	<input type="checkbox"/>
	16	Emmerich, "Implementing Incremental Code Migration with XML" 10 pages	<input type="checkbox"/>
	17	Feij, "Modeling Microsoft COM Using pi.-Calculus", Lecture Notes in Computer Science, Vol. 1709. 1999. pp. 1343-1363. 31 pages	<input type="checkbox"/>
	18	Fournet, et al., "A Calculus of Mobile Agents" 1996. < <a href="http://citeseer.ist.psu.edu/fournet96calculus.html">http://citeseer.ist.psu.edu/fournet96calculus.html</a> >. Last accessed September 7, 2007. 16 pages	<input type="checkbox"/>
	19	Fournet, et al., "The join calculus: a language for distributed mobile programming" September 2000. < <a href="http://citeseer.ist.psu.edu/432452.html">http://citeseer.ist.psu.edu/432452.html</a> >, Last accessed September 7, 2007. 36 pages	<input type="checkbox"/>
	20	Haas, et al., "Extensible Query Processing in Starburst" ACM. June 1989. 12 pages	<input type="checkbox"/>
	21	Harter, et al., "A Distributed Location System For The Active Office", IEEE Network, Vol. 8, Issue 1, Jan/Feb 1994, pp. 62-70	<input type="checkbox"/>
	22	Heckerman, "A Bayesian Approach For Learning Causal Networks", Proceedings of the Eleventh Conference on Uncertainty in Artificial Intelligence, Montreal, 1995.	<input type="checkbox"/>
	23	Heckerman, "A Tutorial On Learning Bayesian Networks", Technical Report MSR-TR-95-06, Microsoft Research, March 1995, Revised in November 1996.	<input type="checkbox"/>
	24	Honda, et al., "A Uniform Type Structure for Secure Information Flow", January 2002 ACM SIGPLAN Notices, Proceedings of the 29th ACM SIGPLAN-SIGACT symposium on Principles of programming languages POPL '02. Volume 37 Issue 1	<input type="checkbox"/>
↓	25	Horvitz, et al., "Attention-Sensitive Alerting in Computing Systems", Microsoft Research, August 1999.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	26	Horvitz, et al., "Harnessing Models of Users' Goals to Mediate Clarification Dialog in Spoken Language Systems", 2001	<input type="checkbox"/>
	27	Horvitz, et al, "In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Inference, Speech Understanding, and User Models", 1995, 8 pages.	<input type="checkbox"/>
	28	Joachims, T., "Text Categorization With Support Vector Machines: Learning With Many Relevant Features", Machine Learning, European Conference on Machine Learning, April 21, 1998, pp. 137-142.	<input type="checkbox"/>
	29	Kaelbling, et al., "Reinforcement Learning: A Survey", Journal of Artificial Intelligence Research, Vol. 4, 1996, pp. 237-285.	<input type="checkbox"/>
	30	Lauritzen, et al., "Representing and Solving Decisions Problems With Limited Information", Management Science, Vol. 47, No. 9, September 2001, pp. 1235-1251.	<input type="checkbox"/>
	31	Lee, "Decision Theory and Human Behavior", John Wiley & Sons, Inc., New York, 1971, 183 pages.	<input type="checkbox"/>
	32	Lee, et al., "On Modeling Real-time Mobile Processes", January 2002, Australian Computer Science Communications, Proceedings of the twenty-fifth Australasian conference on Computer science - Volume 4 CRPITS '02, Volume 24 Issue 1, p. 139-147	<input type="checkbox"/>
	33	Losee, Jr., "Minimizing Information Overload: The Ranking of Electronic Messages", Journal of Information Science 15, Elsevier Science Publishers B. V., 1989, pp. 179-189.	<input type="checkbox"/>
	34	Mehta, "BizTalk Server 2000 Business Process Orchestration" 2001. < <a href="http://sites.computer.org/debul/AO1mar/mehta.ps">http://sites.computer.org/debul/AO1mar/mehta.ps</a> > Last accessed September 7, 2007. 6 pages.	<input type="checkbox"/>
	35	Microsoft, "What's New in the April 2001 Microsoft XML Parser 4.0 Technology Preview" April 2001. < <a href="http://msdn.microsoft.com/archive">http://msdn.microsoft.com/archive</a> >. 3 pages.	<input type="checkbox"/>
↓	36	Milner, "The Polyadic pi-Calculus: A Tutorial" Proceedings: Int'l Summer School on Logic Algebra of Specification, Marktoberdorf, Germany. 1992. 50 pages.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	37	Mohr, "Introduction to BizTalk Server 2000", 2000. < <a href="http://www.topxml.com/conference/wrox/2000_vegas/text/stephen_biztalk.pdf">http://www.topxml.com/conference/wrox/2000_vegas/text/stephen_biztalk.pdf</a> >. Last accessed September 7, 2007. 10 pages.	<input type="checkbox"/>
	38	OA Dated December 24, 2008 for US Application Serial No. 11170584, 32 pages.	<input type="checkbox"/>
	39	OA Dated February 11, 2009 for US Application Serial No. 11170998, 57 pages	<input type="checkbox"/>
	40	OA Dated February 19, 2009 for US Application Serial No. 11170999, 42 pages	<input type="checkbox"/>
	41	OA Dated January 9, 2009 for US Application Serial No. 11169503, 14 P=pages	<input type="checkbox"/>
	42	OA Dated October 28, 2009 for US Application Serial No. 11169503, 11 pages	<input type="checkbox"/>
	43	Paek, et al., "On the Utility of Decision-Theoretic Hidden Subdialog", 2003.	<input type="checkbox"/>
	44	Parson "Using Java Reflection to Automate Extension Language Parsing" IEEE. December 1999. 14 pages	<input type="checkbox"/>
	45	Peim, et al., "Query Processing with Description Logic Ontologies Over Object-Wrapped Databases" IEEE. 2002. 10 pages	<input type="checkbox"/>
	46	Pericas-Geertsen, "XML-Fluent Mobile Agents" December 2001. < <a href="http://citeseer.ist.psu.edu/pericas-geertsen99xmlfluent.html">http://citeseer.ist.psu.edu/pericas-geertsen99xmlfluent.html</a> >. Last accessed September 7, 2007. 90 pages.	<input type="checkbox"/>
↓	47	Rasche, et al. "Configurable Services for Mobile Users", 8 pages	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718199
Filing Date	2003-11-20
First Named Inventor	Georgios Chrysanthakopoulos
Art Unit	2457
Examiner Name	Hussein A. El Chanti
Attorney Docket Number	MS1-4035US

/H.E./	48	Rhodes, "Remembrance Agent: A Continuously Running Automated Information Retrieval System", The Proceedings of the First International Conference on the Practical Application of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.	<input type="checkbox"/>
/H.E./	49	Rhodes, "The Wearable Remembrance Agent: A System for Augmented Theory", The Proceedings of the First International Symposium on Wearable Computers, October 1997, pp. 123-128.	<input type="checkbox"/>
/H.E./	50	Rhodes, "The Wearable Remembrance Agent: A System for Augmented Memory", Personal Technologies Journal Special Issue on Wearable Computing, 1997, 12 pages.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Hussein El Chanti/	Date Considered	01/27/2010
--------------------	---------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.